CRF Errors Corrected by the STIC Systems Branch

Serial Number: _08/486,913_

CRF Processing Date: _3/8/96_
Edited by: _____
Verified by: _____ (STIC staff)

☑ Changed a file from non-ASCII to ASCII

☑ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☑ Edited a format error in the Current Application Data section, specifically: **ENTERED**
_____

#5
to
3-20-96

☑ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☑ Added the mandatory heading and subheadings for "Current Application Data".

☑ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☑ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
_____

☑ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
_____ Seq. 8 _____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:
_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:
_____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as_____ .

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:
_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:
_____

☑ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. @ Seq . 1

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:
_____
_____
_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

```
1                                SEQUENCE LISTING        ENTERED
2
3    (1)     General Information:
4
5       (i)   APPLICANT:              Andrew C. Hiatt
6
7                                     Floyd Rose
8
9      (ii)   TITLE OF INVENTION:     3' PROTECTED NUCLEOTIDES
10                                    FOR ENZYME CATALYZED
11                                    TEMPLATE-INDEPENDENT CREATION
12                                    OF PHOSPHODIESTER
13                                    BONDS
14
15    (iii)   NUMBER OF SEQUENCES:    8
16
17     (iv)   CORRESPONDENCE ADDRESS:
18
19             (A)    ADDRESSEE:      Lyon & Lyon
20             (B)    STREET:         633 West Fifth Street
21                                    Suite 4700
22             (C)    CITY:           Los Angeles
23             (D)    STATE:          California
24             (E)    COUNTRY:        U.S.A.
25             (F)    ZIP:            90071
26
27      (v)   COMPUTER READABLE FORM:
28
29             (A)    MEDIUM TYPE:    3.5" Diskette, 1.44 Mb
30                                    storage
31             (B)    COMPUTER:       IBM Compatible
32             (C)    OPERATING SYSTEM: IBM P.C. DOS 5.0
33             (D)    SOFTWARE:       Word Perfect 5.1
34
35     (vi)   CURRENT APPLICATION DATA:
36
37             (A)    APPLICATION NUMBER:
38             (B)    FILING DATE:
39             (C)    CLASSIFICATION:
40
41    (vii)   PRIOR APPLICATION DATA:
42            Prior applications total,
43            including application
44            described below:
45
46   (viii)   ATTORNEY/AGENT INFORMATION:
```

INPUT SET: S9193.raw

```
47              (A)  NAME:                          Guise, Jeffrey W.
48              (B)  REGISTRATION NUMBER:           34,613
49              (C)  REFERENCE/DOCKET NUMBER:       207/145
50
51        (ix)  TELECOMMUNICATION INFORMATION:
52
53              (A)  TELEPHONE:                     (619) 552-8400
54              (B)  TELEFAX:                       (619) 552-0159
55              (C)  TELEX:                         67-3510
56
57  (2) INFORMATION FOR SEQ ID NO:    1:
58
59              (i) SEQUENCE CHARACTERISTICS:
60
61                  (A) LENGTH:        12
62                  (B) TYPE:          nucleic acid
63                  (C) STRANDEDNESS:  single
64                  (D) TOPOLOGY:      linear
65
66          (ix) FEATURE:
67
68                  (D) OTHER INFORMATION:  base number 12 is m7g
69
70
71          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
72
73  CCCCCCCCCC CG                                              12
74
75
76
77  (2) INFORMATION FOR SEQ ID NO:    2:
78
79              (i) SEQUENCE CHARACTERISTICS:
80
81                  (A) LENGTH:        19
82                  (B) TYPE:          nucleic acid
83                  (C) STRANDEDNESS:  single
84                  (D) TOPOLOGY:      linear
85
86          (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
87
88  CCCCCCCCCC CCCCCTGCA                                       19
89
90
91
92  (2) INFORMATION FOR SEQ ID NO:    3:
93
94              (i) SEQUENCE CHARACTERISTICS:
95
96                  (A) LENGTH:        20
97                  (B) TYPE:          nucleic acid
98                  (C) STRANDEDNESS:  single
99                  (D) TOPOLOGY:      linear
```

INPUT SET: S9193.raw

```
100
101              (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
102
103   CTGCAGGGGG GGGGGGGGGG                                     20
104
105
106   (2) INFORMATION FOR SEQ ID NO:    4:
107
108              (i) SEQUENCE CHARACTERISTICS:
109
110                  (A) LENGTH:          9
111                  (B) TYPE:            nucleic acid
112                  (C) STRANDEDNESS:    single
113                  (D) TOPOLOGY:        linear
114
115              (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
116
117   CCCCCCCCC                                                 9
118
119
120   (2) INFORMATION FOR SEQ ID NO:    5:
121
122              (i) SEQUENCE CHARACTERISTICS:
123
124                  (A) LENGTH:          9
125                  (B) TYPE:            nucleic acid
126                  (C) STRANDEDNESS:    single
127                  (D) TOPOLOGY:        linear
128
129              (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
130
131   GGGGGGGGG                                                 9
132
133
134   (2) INFORMATION FOR SEQ ID NO:    6:
135
136              (i) SEQUENCE CHARACTERISTICS:
137
138                  (A) LENGTH:          5
139                  (B) TYPE:            nucleic acid
140                  (C) STRANDEDNESS:    single
141                  (D) TOPOLOGY:        linear
142
143              (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
144
145   CTGCA                                                     5
146
147   (2) INFORMATION FOR SEQ ID NO:    7:
148
149              (i) SEQUENCE CHARACTERISTICS:
150
151                  (A) LENGTH:          9
152                  (B) TYPE:            nucleic acid
```

```
153              (C) STRANDEDNESS:    single
154              (D) TOPOLOGY:        linear
155
156        (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
157
158   CTGCATGCA                                              9
159
160
161   (2) INFORMATION FOR SEQ ID NO:    8:
162
163           (i) SEQUENCE CHARACTERISTICS:
164
165              (A) LENGTH:          10
166              (B) TYPE:            nucleic acid
167              (C) STRANDEDNESS:    single
168              (D) TOPOLOGY:        linear
169
170        (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
171
172   CTGCATGCAG                                             10
173
174
175
176
177
```

****** PREVIOUSLY ERRORED SEQUENCES - EDITED *****

```
161    (2) INFORMATION FOR SEQ ID NO:    8:
162
163            (i) SEQUENCE CHARACTERISTICS:
164
165                  (A) LENGTH:        10
166                  (B) TYPE:          nucleic acid
167                  (C) STRANDEDNESS:  single
168                  (D) TOPOLOGY:      linear
169
170            (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
171
172    CTGCATGCAG                                        10
173
174
175
176
177
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION   *US/08/486,913*

INPUT SET: S9193.raw

Line   Error   Original Text

AU 1211

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/486,913*

DATE: 03/08/96
TIME: 09:50:50

INPUT SET: S9193.raw

> This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

```
 1                              SEQUENCE LISTING
 2
 3   (1)      General Information:
 4
 5        (i)    APPLICANT:            Andrew C. Hiatt      Does Not Comply
 6                                                          Corrected Diskette Needed
 7                                     Floyd Rose
 8
 9        (ii)   TITLE OF INVENTION:   3' PROTECTED NUCLEOTIDES
10                                     FOR ENZYME CATALYZED
11                                     TEMPLATE-INDEPENDENT CREATION
12                                     OF PHOSPHODIESTER
13                                     BONDS
14
15        (iii)  NUMBER OF SEQUENCES:  8
16
17        (iv)   CORRESPONDENCE ADDRESS:
18
19               (A)    ADDRESSEE:     Lyon & Lyon
20               (B)    STREET:        633 West Fifth Street
21                                     Suite 4700
22               (C)    CITY:          Los Angeles
23               (D)    STATE:         California
24               (E)    COUNTRY:       U.S.A.
25               (F)    ZIP:           90071
26
27        (v)    COMPUTER READABLE FORM:
28
29               (A)    MEDIUM TYPE:   3.5" Diskette, 1.44 Mb
30                                     storage
31               (B)    COMPUTER:      IBM Compatible
32               (C)    OPERATING SYSTEM: IBM P.C. DOS 5.0
33               (D)    SOFTWARE:      Word Perfect 5.1
34
35        (vi)   CURRENT APPLICATION DATA:
36
37               (A)    APPLICATION NUMBER:
38               (B)    FILING DATE:
39               (C)    CLASSIFICATION:
40
41        (vii)  PRIOR APPLICATION DATA:
42               Prior applications total,
43               including application
44               described below:
45
```

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION   *US/08/486,913*

DATE: 03/08/96
TIME: 09:50:53

INPUT SET: S9193.raw

```
    46      (viii)  ATTORNEY/AGENT INFORMATION:
    47              (A)   NAME:                    Guise, Jeffrey W.
    48              (B)   REGISTRATION NUMBER:     34,613
    49              (C)   REFERENCE/DOCKET NUMBER: 207/145
    50
    51      (ix)    TELECOMMUNICATION INFORMATION:
    52
    53              (A)   TELEPHONE:               (619) 552-8400
    54              (B)   TELEFAX:                 (619) 552-0159
    55              (C)   TELEX:                   67-3510(2)  INFORMATION FOR SEQ ID NO:
    56
--> 57              (i)   SEQUENCE CHARACTERISTICS:
    58
--> 59                    (A)   LENGTH:         12
--> 60                    (B)   TYPE:           nucleic acid
--> 61                    (C)   STRANDEDNESS:   single
--> 62                    (D)   TOPOLOGY:       linear
    63
--> 64              (ix)  Features:
    65
--> 66                    (D)   Other Information:  base number 12 is m7g
    67
    68
--> 69              (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 1:
    70
    71  CCCCCCCCCC CG                                                      12
    72
    73
    74
```

ERRORED SEQUENCES FOLLOW:

```
   159  (2) INFORMATION FOR SEQ ID NO:    8:
   160
   161          (i) SEQUENCE CHARACTERISTICS:
   162
   163              (A) LENGTH:          10
   164              (B) TYPE:            nucleic acid
   165              (C) STRANDEDNESS:    single
   166              (D) TOPOLOGY:        linear
   167
--> 168          (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
   169
   170  CTGCATGCAG                                                        10
   171
   172
   173
   174
   175
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/486,913*

INPUT SET: S9193.raw

Line	Error	Original Text
15	Number of Sequences (8) Doesn't Equal Actual Count (7)	(iii) NUMBER OF SEQUENCES: 8
57	Unknown or Misplaced Identifier	(i) SEQUENCE CHARACTERISTICS:
59	Unknown or Misplaced Identifier	(A) LENGTH: 12
60	Unknown or Misplaced Identifier	(B) TYPE: nucleic acid
61	Unknown or Misplaced Identifier	(C) STRANDEDNESS: single
62	Unknown or Misplaced Identifier	(D) TOPOLOGY: linear
64	Unknown or Misplaced Identifier	(ix) Features:
66	Unknown or Misplaced Identifier	(D) Other Information: base number 12 is m7g
69	Unknown or Misplaced Identifier	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
168	Wrong Sequence Number	(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10: